

## Seminar Subjects

- The Public Access Security System
- Support issues with Gates Computers
- Supporting Public Access Computers
- Moving Forward

## Transition Seminar

- Ralph Buchan, I help those who Support Public Access Computers
- This is YOUR seminar
- Interaction will make this seminar great
- Frequent short breaks
- Relax, have fun

## The Gates Win2k Operating System

- What is the difference between a standalone and a computer on a domain?
- How do you put security onto a computer in a library?
- How did we change Windows 2000?
- Two levels of security, PACTS and Centurion Guard

## Impact of the U.S. Library Program



### National Impact\*

Granted Funds: \$179,881,946  
 Total PCs Granted: 47,200  
 Buildings Receiving a Grant: 10,915  
 Staff Trained: 62,000  
 \*all numbers approximate

BILL & MELINDA  
GATES foundation

## What is the Centurion Guard?

- A Hardware device that protects the computer
- When locked undoes any changes when you reboot the computer
- Computer must be off when you turn the key
- Available for Non-Gates Computers
- Phone (800) 224-7977
- Centuriontech.com

## Operating System

- Security using Policies, Permissions and Profiles
- A simple definition of Each
- We used "Policies" to make "Profile Restrictions", "Permissions" to make "System Restrictions" and "Profiles" stayed "Profiles".

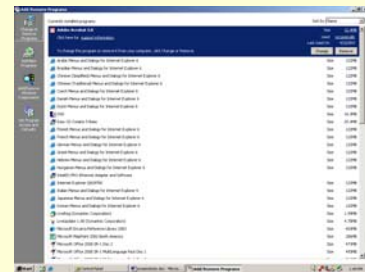
## Click on Add /Remove Programs



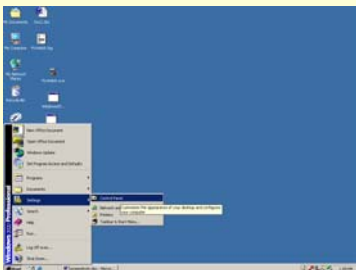
## Why and How to Remove Security

- Why you would remove Profile Restrictions
- Why you would remove System Restrictions
- How you would remove either Profile or System restrictions
- Step by step procedure.

## Scroll through programs to ...



## Removing Security, Start, Settings, Control Panel



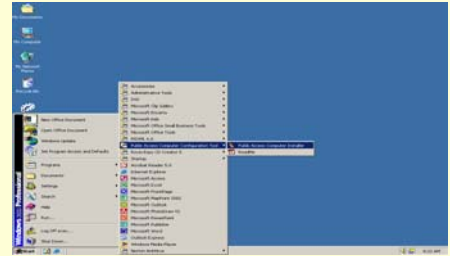
## Public Access Computer Profile Restrictions



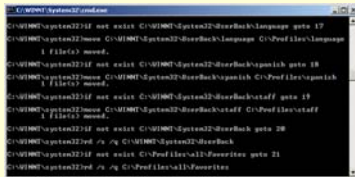
## Public Access Computer System Restrictions



## Start, Programs, Public Access Computer Configuration tool



After you click on Remove this box comes up and scurries by!



## Public Access Computer Configuration Tool



## Making changes to the Profile

- Log out of Exec and into the profile you want to make changes to
- Add printers, add shortcuts, change colors, add a shortcut to a program.
- Test your changes.
- Log out of profile, back into Exec.

## Which box to check

- Profile Restrictions puts the security back on the profiles
- Profiles re-installs the default Profiles
- System Restrictions puts the permissions on the System Files.

## Security back in place

- Test that the program or icon works in the profile
- Don't forget to relock the Centurion Guard.

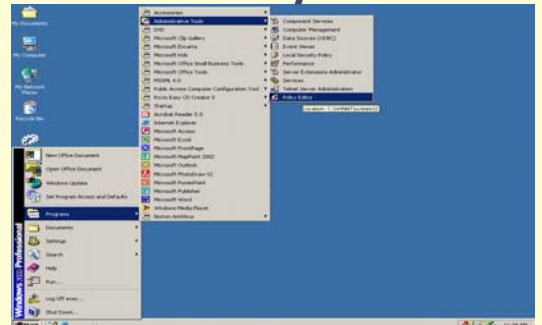
## What if you want to change a Policy?

- Earlier we removed the Policies from the Profiles completely, using remove profile restrictions, but what if we just want to make a change in them?

## Tech Stew For You!

- Google pop up stopper and Froogle
- Ad Aware
- AVG Antivirus
- ZDNet.com and Symantec.com
- Passwords!
- Techsoup.org for Software

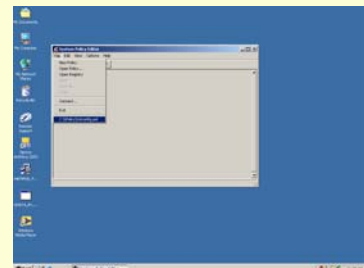
## Policy



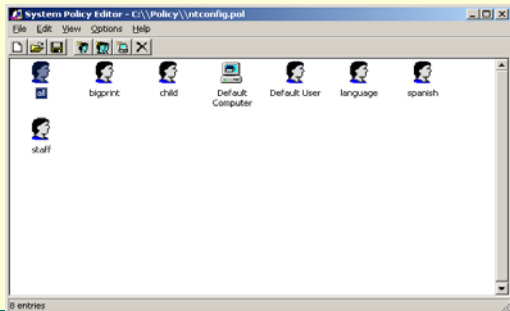
## www.pacomputing.org

- Gates Technical Support website
- Browse it, read articles, Do a Search
- Use it to Contact us and for Small parts replacement
- Will be available after the end of program

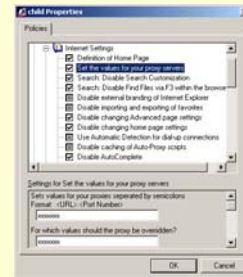
## Opening the policy file: NTConfig.pol



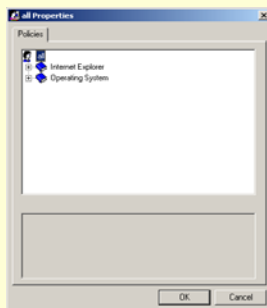
## Profile Policy



## Why Child cannot access the Internet.



## Policies



## The XP Upgrade

What you get with the upgrade:

- XP Operating System, Internet Explorer 6.0, Encarta Reference Library 2003, Streets & Trips 2003, Office XP Multi-Language, Microsoft Windows XP Learning Library, Microsoft Office XP Learning Library, and Microsoft Office XP Pro Step by Step Interactive. Magic School Bus Explores Bugs, Explores the World of Animals, and Volcano Adventure are added.

## Setting the Home page



## Why you should do it

- Better operating system, more drivers, XP Pro is both a home and office application, therefore more programs likely to work with it and longer period of support from Microsoft
- A problem free upgrade
- Go to PAComputing first and read the instructions carefully.

## Known Hardware and Software Issues

- Power Supply Fan, Motherboard Fan
- Hard Drives
- Macromedia and Flash updates
- Worms and Viruses
- Quick boot.

## Webjunction.org

- YOUR website, directed to Librarians and Tech's supporting Public Access Computing
- Tutorials, Forums, Viewpoints on issues.
- A great resource for you.

## Maintenance of the Gate Computers

- Update your anti virus files
- Check for updates on [www.pacomputing.org](http://www.pacomputing.org)
- Write down IP Addresses, passwords and names.
- Blow the dust out once a year or so

## If I were building a Public Access Computer

- Buy a Basic Model. Compare price to Gateway Public access model.
- XP Professional, Word and Children's Programs from Techsoup.org
- Install a Centurion Guard
- Install the Free Public Access Security tool from [www.pacomputing.org](http://www.pacomputing.org)

## Licensing and repurposing

- The operating system goes with the computer
- All other programs can be transferred
- If replacing, what about making it a children's area computer?

## Gateway Public Access Model

- Comes with Centurion Guard and the Public Access Security tool installed
- Prices and models change
- Contact Tod Bohenkamp, 1-800-846-2042 x 2539

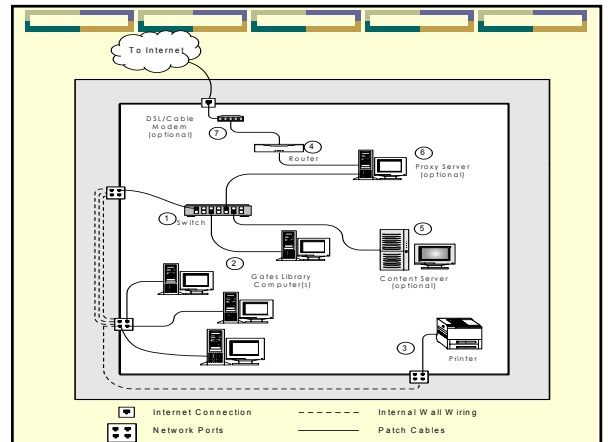
## Imaging Software

- Purchase Norton Ghost or other imaging software
- Purchase media to save image on, either Harddrive or Burnable CD's
- Copy an image and use it to either backup or to do an upgrade
- Total cost less than \$100.00



## Troubleshooting made easy

- Start with Something you know for sure
- Work your way out
- Swap parts
- Be logical, be patient, be confident
- Phone Gateway 1-800-846-2303
- Remember the phrase that pays: "The problem followed the part!"



## Network troubleshooting

- Ping command
- ipconfig/all command
- DHCP and Static Addresses
- Cables and power
- Linksys Routers

Start, Run, type in "CMD"



## ping

```
C:\WINNT\System32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

Z:\>ping 192.168.1.1

Pinging 192.168.1.1 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 192.168.1.1:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
Z:\>_
```

## To Do's!

- Visit [www.pacomputing.org](http://www.pacomputing.org) and review the site. Bookmark it and show others!
- Visit [www.webjunction.org](http://www.webjunction.org)
- Find when your Hardware Warranty is up
- Fix any bugs before support ends
- Look into getting Ghost
- Make contacts
- Register for listserv

## ipconfig/all

```
C:\WINNT\System32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

Z:\>ipconfig/all

Ethernet adapter Local Area Connection 1:

    Media . . . . . : 802.3
    Speed . . . . . : 100 Mb/s
    Duplex . . . . . : Full
    Port of Multi-Port . . . . . : 0
    MAC Address . . . . . : 00-0C-07-00-00-00
    IPv4 Address . . . . . : 192.168.1.1
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.1.1
    DNS Servers . . . . . : 192.168.1.1
    NetBIOS over Tcpip . . . . . : Enabled

Wireless Network Adapter:

    Media . . . . . : 802.11b
    Speed . . . . . : 11 Mb/s
    Duplex . . . . . : Full
    Port of Multi-Port . . . . . : 0
    MAC Address . . . . . : 00-0C-07-00-00-00
    IPv4 Address . . . . . : 192.168.1.1
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.1.1
    DNS Servers . . . . . : 192.168.1.1
    NetBIOS over Tcpip . . . . . : Enabled

Z:\>
```

**What are the three most important things you learned today?**

## Self Support Tools

- Can Do Attitude!
- Search Websites, pacomputing, webjunction and Google
- State Listserves
- State Library Community







**Thank you for coming.  
Your work is making a  
difference!**



"Access to knowledge is the superb, the supreme act of truly great civilizations. Of all the institutions that purport to do this, free libraries stand virtually alone in accomplishing this mission. No committee decides who may enter, no crisis of body or spirit must accompany the entrant. No tuition is charged, no oath sworn, no visa demanded. Of the monuments humans build for themselves, very few say: 'Touch me; use me; my hush is not indifference; my space is not barrier. If I inspire awe, it is because I am in awe of you and the possibilities that dwell in you.'"

-Author Toni Morrison, at the New York Public Library, 1997